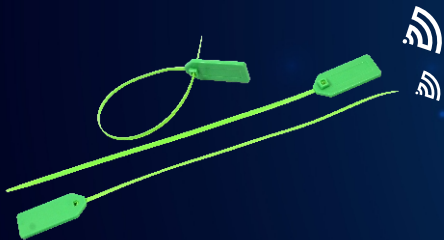




Description & Features

UHF Cable tie tag is EPC class 1 Gen2 passive RFID Tag. It is universal tag to identify & track logistics information, animal, assets etc. It can be customize with different IC variants and memory area depending on requirement.



UHF CABLE TIE TAG (Part No. : 31HEY9701)

www.mesontags.com

Electrical Characteristics

Communication ISO Protocol	ISO/IEC 18000-6C, EPC Class – 1 Gen2
Operating Frequency band	865 MHz or 915 MHz
Chip type	Alien Higgs-3 (Other upon request)
Memory Organization	<ul style="list-style-type: none"> • EPC–96 bits, extendible to 480bits • TID – 96 bits unalterable &unique • User memory – 512 bits • Access password – 32 bits • Kill password – 32 bits
Read Range	Off metal – Up to 4.5m (reader & environment dependent)
Data retention	50 Years
Endurance cycle	100,000 Cycles

Physical Characteristics

Dimension	: 405 x 28mm
Thickness	: 3.5mm
Locking tie length	: 345mm
Encasement	: ABS/PC
Weight	: 7.8 gm
Color	: Green
Quality Testing	: 100%

Environmental Characteristics

Ingress Protection	: IP67
Operating Temperature	: -25°C to +85°C
Storage Temperature	: -25°C to +85°C
Application	: On & Off metal
Attachment/ mounting	: Cable tie self lock

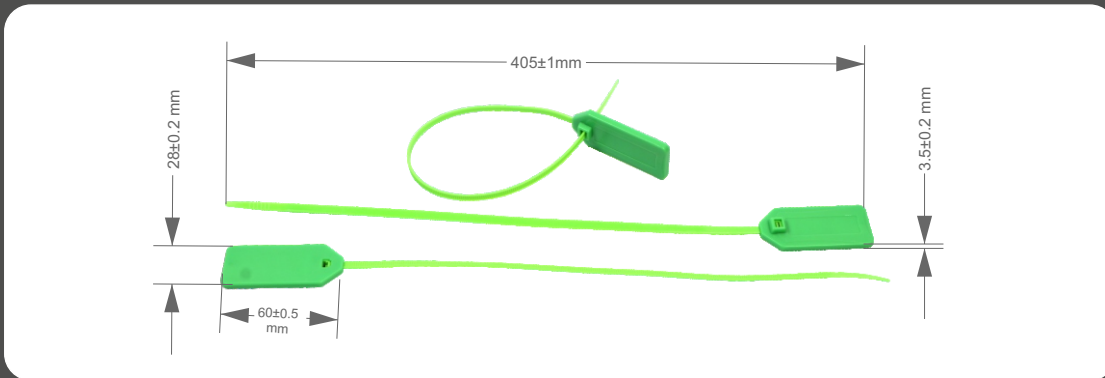
Chemical Characteristics

■ Resistance to salt water exposure	: Yes
■ Resistance to lubricant exposure	: Yes
■ Resistance to IPA & thinner	: Yes

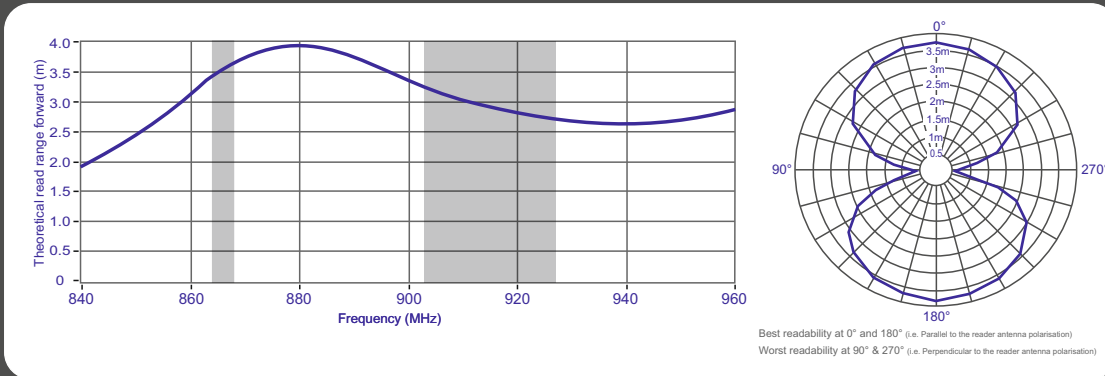
Additional Customization

■ Encoding	: Yes
■ Logo/Text/Barcode printing	: Yes

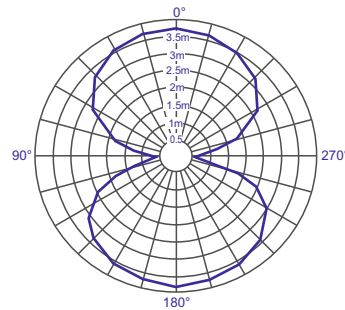
Dimensions



Frequency v/s read range graph



Orientation Readability



Best readability at 0° and 180° (i.e. Parallel to the reader antenna polarisation)
 Worst readability at 90° & 270° (i.e. Perpendicular to the reader antenna polarisation)

Ordering code and descriptions

31HEY9701

With ALN-Higgs-3_EU

31HEY9702

With ALN-Higgs-4_US